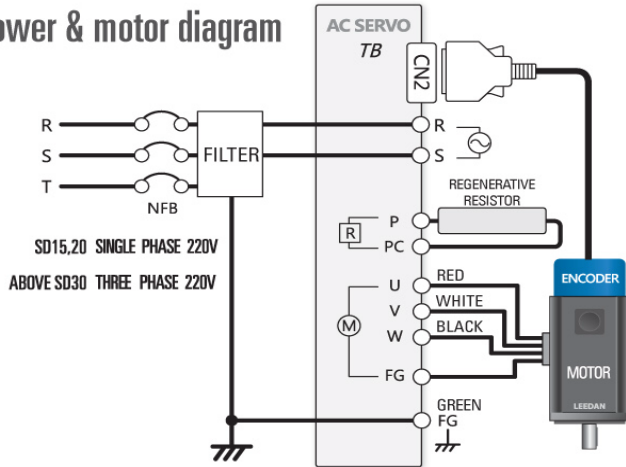


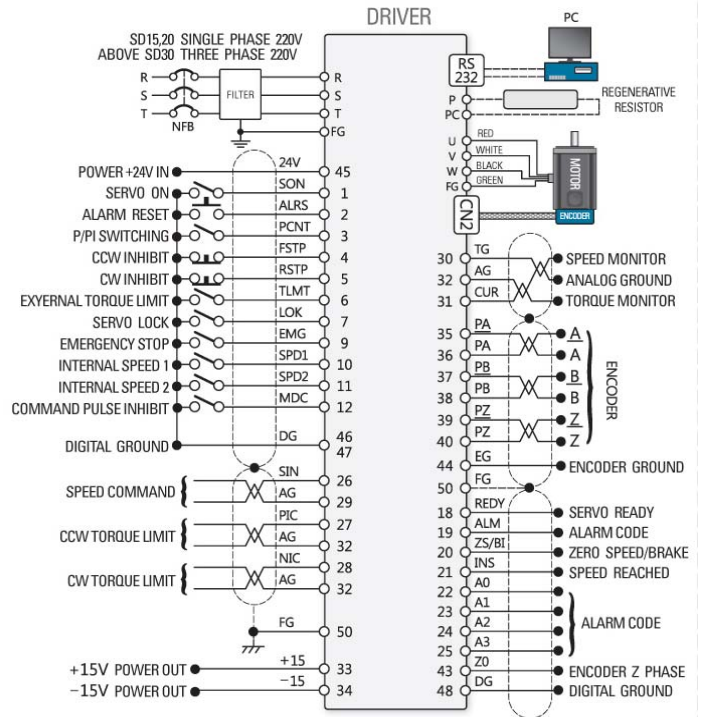
SERVO DRIVER



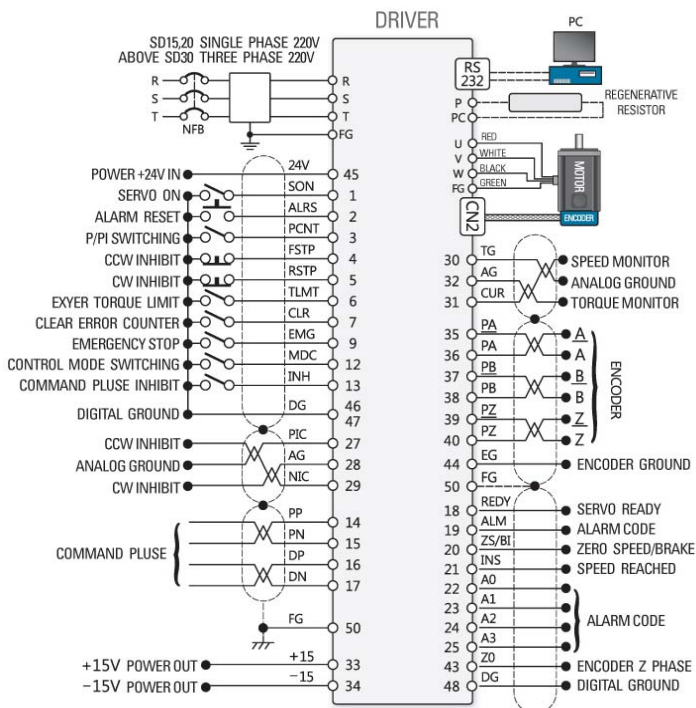
Power & motor diagram



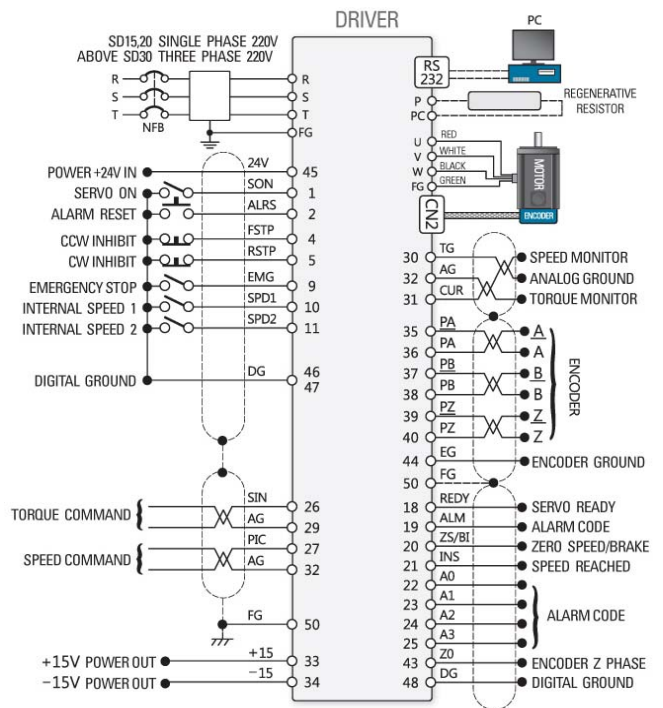
SPEED MODE



POSITION MODE

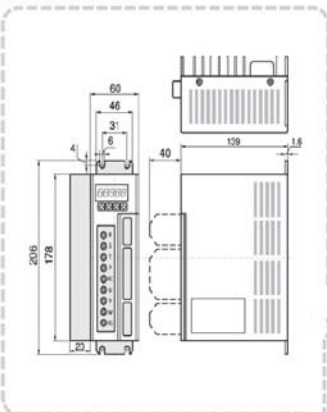
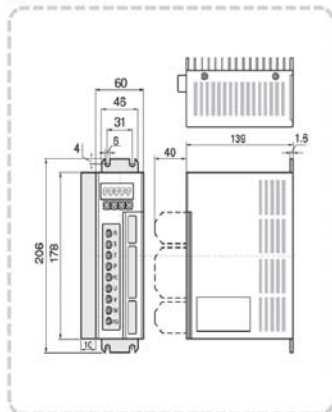


TORQUE MODE



JDSM-015

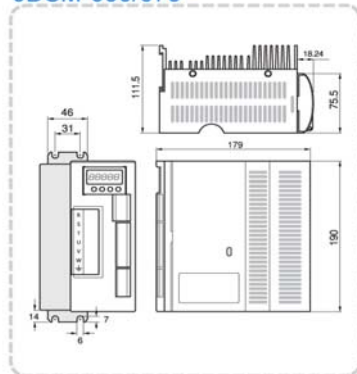
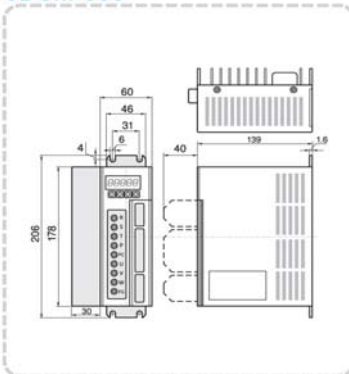
JDSM-020



DRIVER DIMENTION

JDSM-030

JDSM-050/075



Driver		Description	
Model No.		JDSM-015/020/030/050/075	
Power		JDSM- 015~ 202: AC180V ~ 240V Single-Phase 50/60Hz JDSM 030 ~ 075: AC180V ~ 240v Three-Phase 50/60Hz	
Encoder		Incremental Type	
Environment	Temperature	0~50°C , Storage: -20~80°C	
	Humidity	Operation / Storage < 85% RH	
	Vibration	< 0.5G	
Control Mode		Position / Speed / Torque	
Position	Input Type	A-B phase, Up-Down pulse, or direction pulse	
	Max. Input Freq.	500 kpps	
	Electronic Gear Ratio	$1/127 \leq A/B \leq 127$ (A&B : 1~10000)	
	Input Ripple Filtering	Time Constant = 0 ~ 10000ms	
	In Position Range	0~32767 Pulses	
Speed	Input	0~±10V (Looking at the motor shaft, +V = CCW)	
	Preset	Three preset speeds available through defining User's Parameter	
	Linear Acceleration / Deceleration	Enable / Disable: may be defined by User's Parameter When enabled, the time constant may be defined by User's Parameter between 10ms ~ 10000ms	
	Zero Speed determination	0~255rpm	
	Specified speed reached	Specified by User's Parameter, 0~Rated Speed	
	Servo Lock	Enable/Disable :may be defined by User's Parameter	
	Internal Torque	0~300% rated torque	
Torque	Input	0~±10V (Positive voltage for positive torque)	
	Input Ripple Filtering	Time Constant: 0~10000ms	
	Speed Limit	External	0~10V (Rated Speed)
		Internal	0~10V (Rated Speed)
Manual Operation		May be defined by User's Parameter	
Error Message		10 error messages are stored.	
Over-Travel inhibit		(If over-travel is occurred, the servo power may be disabled or put on hold.) Positive or Negative Over-Travel inhibit	
Analog Monitoring Output		Speed and Torque (-10V~10V)	
Encoder Output		A, B, C Phase line driver output	
Encoder dividing Ratio		1/N : N=1~16	
Display		5-digit LED display, 4 button	
I/O	D/I	Servo ON, Reset, Reverse Inhibit, Control Mode, External Torque Limit Emergency Stop, Pulse Input Inhibit, etc.	
	D/O	Servo Ready, Error, In Position, Zero Speed, Encoder Output	
Communication		RS-232C for User's Parameter setting and status monitoring	